CLAIMS

What is claimed is:

1. A system for providing access to a base device identified with a user of a remote client device, said remote access system comprising:

a) a web server operatively coupled for communication with the remote client device accessed by the user; and

b) a user server operatively coupled to said web server and said remote client device, said user server further configured to communicate data between the base device and the user of the remote client device, said user server further configured to communicate data with said base device via requests initiated by said base device.

2. The remote access system of claim 1, wherein said data communicated to the remote client device is formatted for viewing by a web browser.

3. The remote access system of claim 1, wherein said data communicated to the remote device is further formatted for viewing on a personal computer.

4. The remote access system of claim 1, wherein said data communicated to the remote device is further formatted for viewing on a mobile telephone.

5. The remote access system of claim 1, wherein said data communicated to the remote device is further formatted for viewing on a personal digital assistant device.

6. The remote access system of claim 1, wherein said data communicated to the remote device is further formatted for viewing on an internet appliance device.

7. In a server device operatively coupled to at least one base device and at least one remote access device, a method for securely communicating data between the base device and the remote access device comprising:

a) authenticating a user's access credential to access the base device from the remote access device;

b) receiving a request from said user to carry out at a command on said base device;

c) awaiting a task connection request from said base device;

d) replying to said task connection request with a task connection reply to establish a socket connection;

e) communicating a command to said base device in conjunction with said task connection reply to carry out the command requested by the user;

f) receiving from said base device the results of said command; and

g) communicating to said user said results of said command.

8. The method of claim 7, further comprising communicating a wake up signal to said base device prior to awaiting a task connection request.

9. The method of claim 7, further comprising maintaining said socket connection with said base device in an open fashion and issuing further user requests via said open connection.

10. The method of claim 7, further comprising determining the device type of the remote access device and communicating information to said remote access device in a format suitable for viewing thereon according the determined device type.

11. The method of claim 10, wherein said information communicated to said remote access device is formatted for viewing by a web browser.

12. The method of claim 10, wherein said information communicated to said remote access device is formatted for viewing on a personal computer.

13. The method of claim 10, wherein said information communicated to said remote access device is formatted for viewing on a mobile telephone.

14. The method of claim 10, wherein said information communicated to said remote access device is formatted for viewing on a personal digital assistant.

15. The method of claim 10, wherein said information communicated to said remote access device is formatted for viewing on an internet appliance device.